

## Mustafa Nofal

### Software Developer



Industry Equivalency				
8	7	7	7	6
SQL	Java	Spring	Hibernate	Angular
Equivalency in months				

## ABOUT ME

I am a software developer with experience composing full-stack web applications. Designed programs using object-oriented programming to ensure increased ability of maintenance and simple reusable code. Fully experienced with front-end technologies such as Bootstrap, Angular, and JavaScript and possess extensive knowledge in data manipulation technologies such as Hibernate and Oracle PL/SQL.

- ➤ Utilized and implemented many technologies to create full-stack applications such as **HTML, CSS, Bootstrap, Angular, and JavaScript, Oracle PL/SQL, Hibernate, Java, Spring MVC, and Spring ORM.**
- ➤ Used **HTML** to provide content and **CSS** for styling and format layout while leveraging the **Bootstrap** framework to build enhanced and responsive web pages.
- ➤ Constructed **Angular** routing services to switch views within a single-page application and took advantage of **JavaScript** and **TypeScript** to improve website functionality.
- ➤ Experienced in working with teammates on projects using **Agile** methodologies.
- ➤ Created dynamic object-oriented programs through the **Java** programming language.
- ➤ Experienced in creating **REST** and **SOAP** web services.
- ➤ Worked extensively with **Microservice Architecture** design principles to achieve modularity within applications.
- ➤ Structured data access layers using **JDBC** to enable data creation and manipulation.
- ➤ Exchanged information between the database and **Java** through the **Hibernate** and **Spring ORM** framework.

- ➤ Programmed **Spring MVC** to establish the connection between the Java server and the presentation tier through simple URL endpoints.
- ➤ Hosted application resources on AWS products such as **Amazon RDS** and **Amazon EC2**.
- ➤ Implemented successful **JUnit** tests to provide superior test coverage for the back-end component of an application.



## Education &amp; Certification



## Bachelor's Degree - Kinesiology

 Louisiana State University-Baton Rouge - Dec 2016



## Skill Matrix

All durations represent Equivalency

## Database

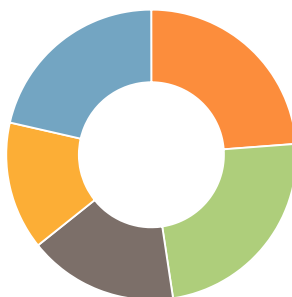


- Hibernate (7 Months)
- Oracle PL/SQL (8 Months)
- AWS RDS (8 Months)
- H2 (6 Months)
- Spring Data (3 Months)

## Database

- Hibernate
- Oracle PL/SQL
- AWS RDS
- H2
- Spring Data
- JDBC

## Client Side



- HTML (10 Months)
- CSS (10 Months)
- JavaScript (7 Months)
- Angular (6 Months)
- Bootstrap (9 Months)

## Client Side

- HTML
- CSS
- JavaScript
- Angular
- Bootstrap
- TypeScript

## Server Side



- Java (7 Months)
- JDBC (7 Months)
- Spring Core (5 Months)
- Servlets (7 Months)
- Spring MVC (7 Months)

## Server Side

- Java
- JDBC
- Spring Core
- Servlets
- Spring MVC
- Spring AOP

## DevOps

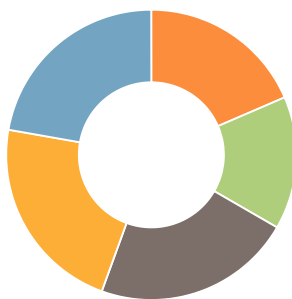


- Jenkins (4 Months)
- Docker (4 Months)
- Maven (8 Months)
- Tomcat (9 Months)
- Git (12 Months)

### DevOps

- Jenkins
- Docker
- Maven
- Tomcat
- Git
- Amazon Web Services

## Web Services



- Eureka (5 Months)
- Zuul (4 Months)
- SOAP (6 Months)
- REST (6 Months)
- Spring Cloud (6 Months)

### Web Services

- Eureka
- Zuul
- SOAP
- REST
- Spring Cloud
- Hystrix

## Projects

### ScreenForce

ScreenForce is an application which standardizes the assessment of potential Revature employees. A member of the tech screening team can record results of an interview as it happens and view an automatically scored summary after its conclusion. Administrators can manage training tracks and question pools, as well as viewing aggregated reports of past screening results.

### Roles / Responsibilities

- Used REST Assured to test RESTful endpoints.
- Leveraged Swagger to view and run simple endpoint test.
- Refactored existing Java code to enhance functionality.
- Implemented Mockito for the design of better tests.
- Utilized Spring Boot to run microservices including Zuul and Eureka.
- Enhanced unit testing alongside back end changes using JUnit.
- Integrated SonarCloud for analyzing and continuously inspecting source code.
- Tested inter-service communication functionality with Feign Client.

### Environment / Technologies

Angular, TypeScript, JPA, Spring Cloud, Microservices, Jasmine, Protractor, Karma, HTML, JavaScript, REST, Spring, Java, Hibernate, SQL

## FacelessBook

FacelessBook is a social forum application. It allows users to share information on a public message board, utilizing different channels to represent topics. Users may also interact with posts via comments and a "Like" function. Users can create their own profile page. The system is monitored by moderators who have additional functionality like banning users and deleting inappropriate messages.

### Roles / Responsibilities

- Created a single page application with Angular version.
- Experienced an Agile software development lifecycle.
- Leveraged Angular Material component library for enhanced functionality and aesthetics of the SPA.
- Generated Login and Profile Page components for the single page application.
- Generated modules to house multiple components and services for varying purposes regarding each view.
- Utilized HTML, CSS, and TypeScript to allow Angular to work properly.
- Enabled inner routing in Angular to allow the single page application to have views that communicate with one another.
- Established a full connection from the client side to the database portion of the application.

### Environment / Technologies

Angular, Java, Hibernate, Spring, JPA, TypeScript, DevOps, Amazon Web Services

## Expense Reimbursement System - Java

The Expense Reimbursement System (ERS) will manage the process of reimbursing employees for expenses incurred while on company time. All employees in the company can login and submit requests for reimbursement and view their past tickets and pending requests. Finance managers can log in and view all reimbursement requests and past history for all employees in the company. Finance managers are authorized to approve and deny requests for expense reimbursement.

### Roles / Responsibilities

- Created responsive webpages with the Bootstrap framework.
- Implemented servlets to handle HTTP requests.
- Structured an Oracle database using PL/SQL.
- Leveraged Amazon Web Services RDS to host the database.
- Implemented JDBC to have connection between the database and Java application.
- Improved functionality on the front end by incorporating vanilla Javascript.
- Implemented Fetch to manage data exchange between client-side and server-side.
- Utilized JUnit for testing and Log4j for logging.

### Environment / Technologies

Servlets, Java, JavaScript, HTML, CSS, JDBC, SQL, AJAX, Bootstrap, RDS, Tomcat, Git, Maven